

Artwork Credit: JPL Studio



NEW TECH | NEW ORG

NEW ORG | EXISTING TECH

IDEA IDEA

NEW TECH | EXISTING ORG

REVOLUTIONARY

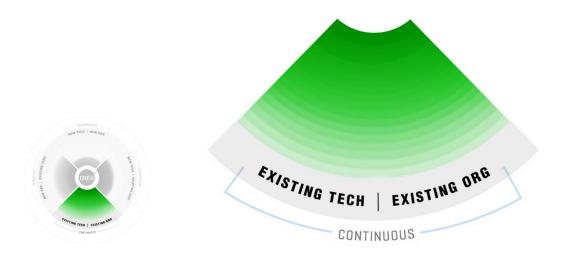
EXISTING TECH | EXISTING ORG

CONTINUOUS



EXISTING TECHNOLOGY EXISTING ORGANIZATION

CONTINUOUS



EXAMPLES of PROMISING PRACTICES

Blue Sky Events

Center Innovation Fund Program

Creativity & Innovation Initiative

Digital Learning Network

MissionSTEM

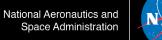
Early Career Initiative

Engineering Design Studio

Ethics Based

Decision Framework

Digital Learning Networks











- + ODEO Web Site
- + Contact Us
- + Site Map

FIND IT @ NASA:

+ G0

MissionSTEM

+ Age

21st Century Civil Rights Technical Assistance for Science, Technology, Engineering, and Mathematics

- + Home
- + About Mission STEM
- + MissionSTEM Summit 2016
- + Filing a Complaint
- + Compliance Requirements
- + Civil Rights Compliance Reports
- + Promising Practices (NASA)
- + Promising Practices (Colleges)
- + Promising Practices (Museums)
- + Diversity and Inclusion Leadership
- + NASA Innovations Impact the World
- + Unconscious Bias in STEM: Addressing the Challenges
- + Related Links
- + Media Gallery



+ Disability

What's New?

- + MissionSTEM Summit 2016
- + Deputy Administrator's Blog on Harassment Policies
- + Chief Scientist's Blog on Data Collection











+ Race/Ethnicity

Office of Diversity and Equal Opportunity

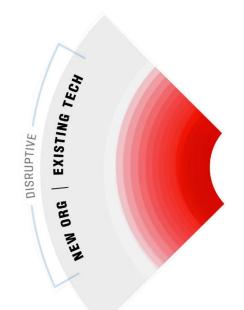
The MissionSTEM Web site is designed to assist NASA grant recipients with their civil rights compliance efforts. The Agency strives to provide a broad scope to its technical assistance in this arena.

+ Read More









NEW ORGANIZATION EXISTING TECHNOLOGY

DISRUPTIVE



EXAMPLES of PROMISING PRACTICES

Centennial Challenges

Center of Excellence for Collaborative Innovation

Citizen Science and Open Innovation

Commercial Crew and Cargo Programs

Enterprise Cloud

Computing Services for Engineering

NASA@Work

NASA Shared Services
Center

NextStep Broad Agency
Announcement

ISS Public-Private Partnerships

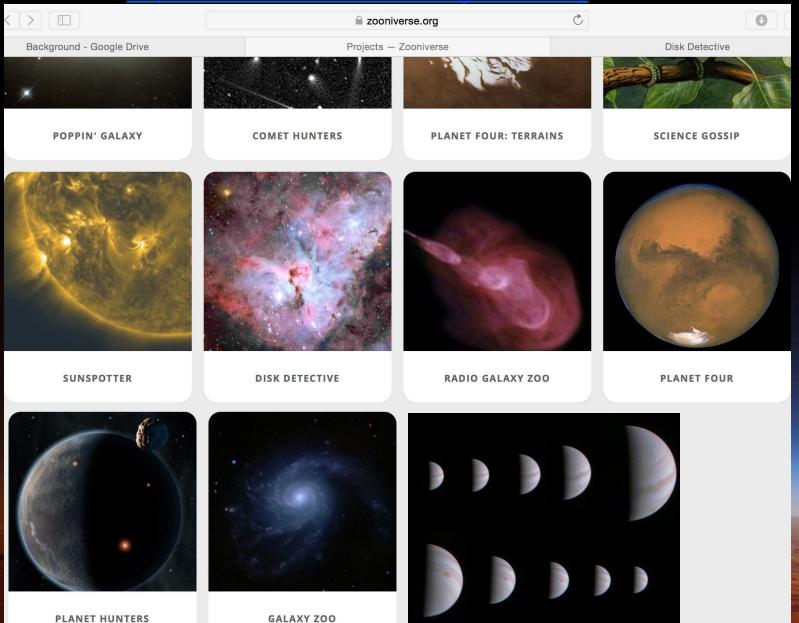




Citizen Science

National Aeronautics and Space Administration

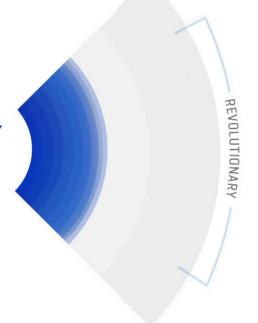
https://www.diskdetective.org/#/classify





NEW TECHNOLOGY EXISTING ORGANIZATION

REVOLUTIONARY





EXAMPLES of PROMISING PRACTICES

Blended Wing Body Aircraft Design

Computational Digital Transformation

NASA's
Transformative
Aeronautics
Concepts Program

James Webb Space Telescope

UAS Traffic Management

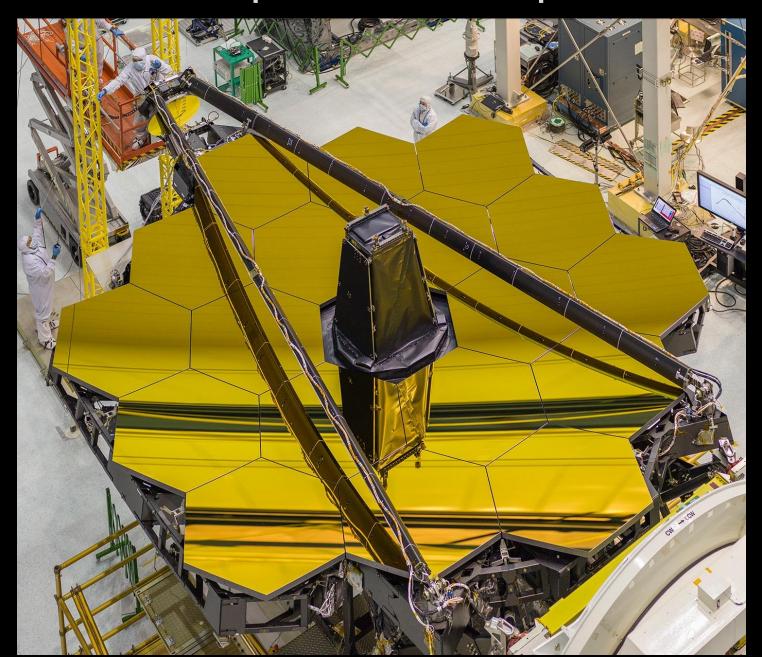
The Future of Flight



James Webb Space Telescope











NEW TECHNOLOGY NEW ORGANIZATION

TRANSFORMATIVE



EXAMPLES of PROMISING PRACTICES

Building and Operating the International Space Station

Studying Ocean Worlds and Extrasolar Planets

Expanding human presence in the solar system via Journey to Mars

Learning whether life exists in the solar system beyond earth

Enabling a transformation for safe and sustainable U.S. and global aviation

Understanding Global Climate Change

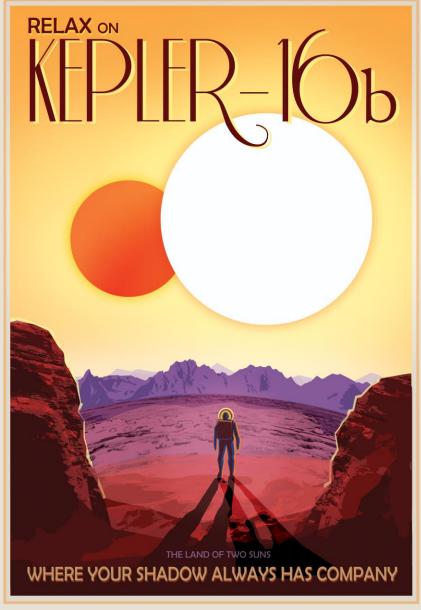
Minimizing the Impact of Space Debris



16 Years of Human Habitation on ISS







Like Luke Skywalker's planet "Tatooine" in Star Wars, Kepler-16b orbits a pair of stars. Depicted here as a terrestriat planet, Kepler-16b might also be a gas giant like Saturn, Prospects for life on this unusual world ar

As Exoplanet Exploration Program. Jet Proputsion Laboratory, Pasadena Cr exep.jpl.nasa.gov

JOURNEY TO MARS



All elements needed for a human Mars mission are in development now.



EARTH RELIANT

NOW - MID-2020s

ISS & commercial development of LEO

Deep space systems life support and human health

PROVING GROUND

2018-2030

Crewed missions, spacewalks in cislunar space

Deep space habitation; Shakedown cruise(s) for Mars

Integrated human and robotic operations

EARTH INDEPENDENT

NOW - 2030s and beyond

Science missions pave the way to Mars; Robotic roundtrip demonstration with sample return in the late 2020s

Entry, descent, and landing & in-situ resources

Send humans to orbit Mars in the early 2030s



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INNOVATION VISUAL HISTORY

